

소아에서의 다발성, 박리성 거대 동맥류

안 정 용 · 주 진 양

= Abstract =

Multiple, Dissecting Giant Aneurysms in a Childhood - A Case Report -

Jung Yong Ahn, M.D., Jin Yang Joo, M.D.

Department of Neurosurgery, Yonsei University College of Medicine, Seoul, Korea

Nontraumatic, intracranial giant aneurysm has rarely been reported as the cause of the spontaneous subarachnoid hemorrhage in childhood. Multiple, dissecting giant aneurysms on the left middle cerebral artery with sudden onset of headache in a 14-year-old girl were successfully clipped and followed by complete relief of symptoms. The rarity and characteristics of such lesion in childhood and its successful surgical treatment are discussed briefly.

KEY WORDS : Aneurysm · Childhood · Dissecting aneurysm · Giant aneurysm · Multiple aneurysm · Subarachnoid hemorrhage.

서 론

0.5~4.6%
가
2 : 1
3 : 1
40~45%가
30~45%가

증 례

: , 14
:
:

3
가
가
(Fig. 1A),
1cm 가 (Fig. 1B).
2 가
(Fig. 2A).
2 (M₂)
(Fig. 2B).
M₂
M₂
1.2 × 2.6cm
3 (M₃) 1.0 × 1.0cm

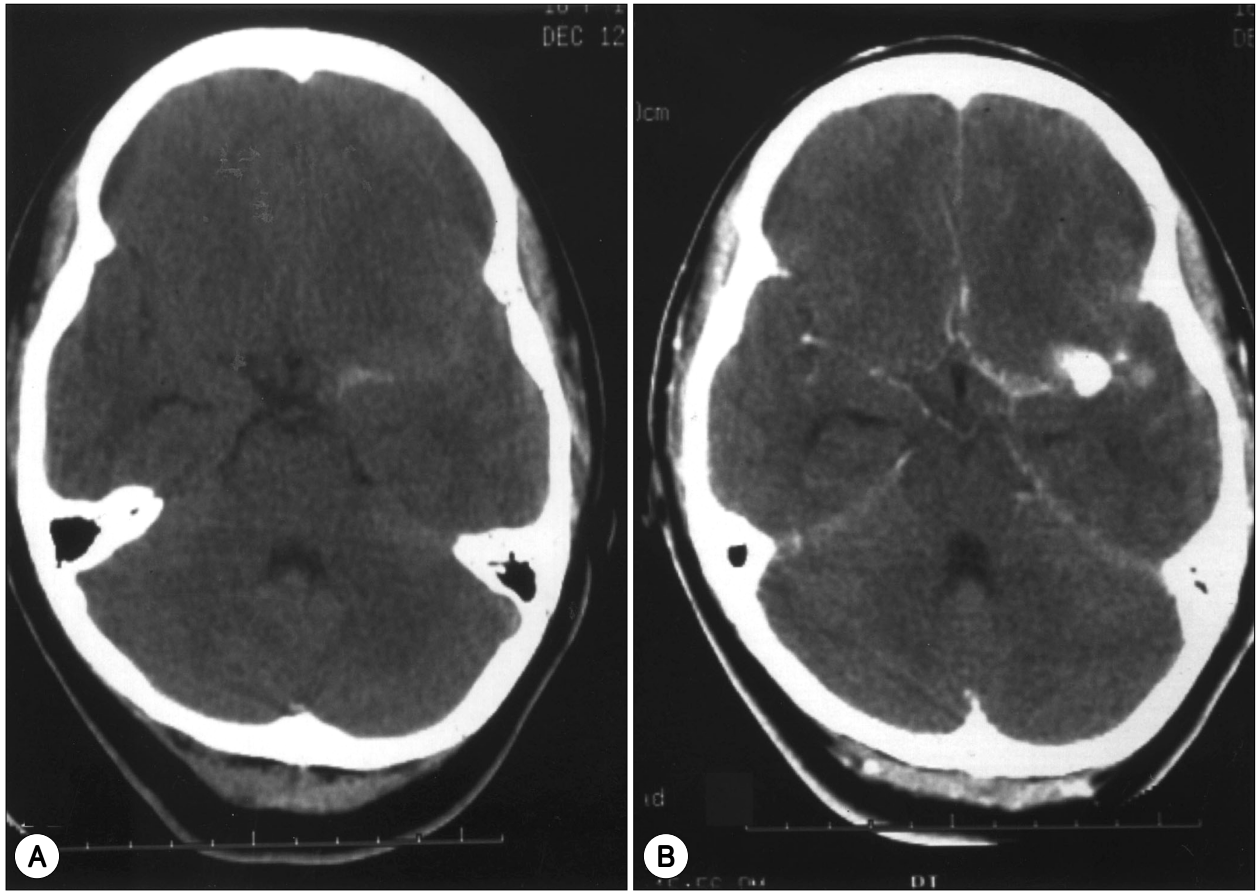


Fig. 1. Preoperative computed tomography showing the subarachnoid hemorrhage on left sylvian fissure(A). In the enhanced films, the well enhanced lesions are located on sylvian fissure along the left middle cerebral artery(B).

(budding)
(Fig. 3).

3
가 grade
IV⁺
2
3
2
M₂
1.3 × 2.7cm
가
2
2
3
Yasargil long clip
4
Yasargil clip
가
3
1.1 × 1.1cm
가
4
Ya -
sargil clip
M₂, M₃

(Fig. 4).

고 찰

0.5~4.6%
1)4)6)8-10)
6-8), 가
가 2 : 1 3 : 1
가 40~45%
31~54% 가

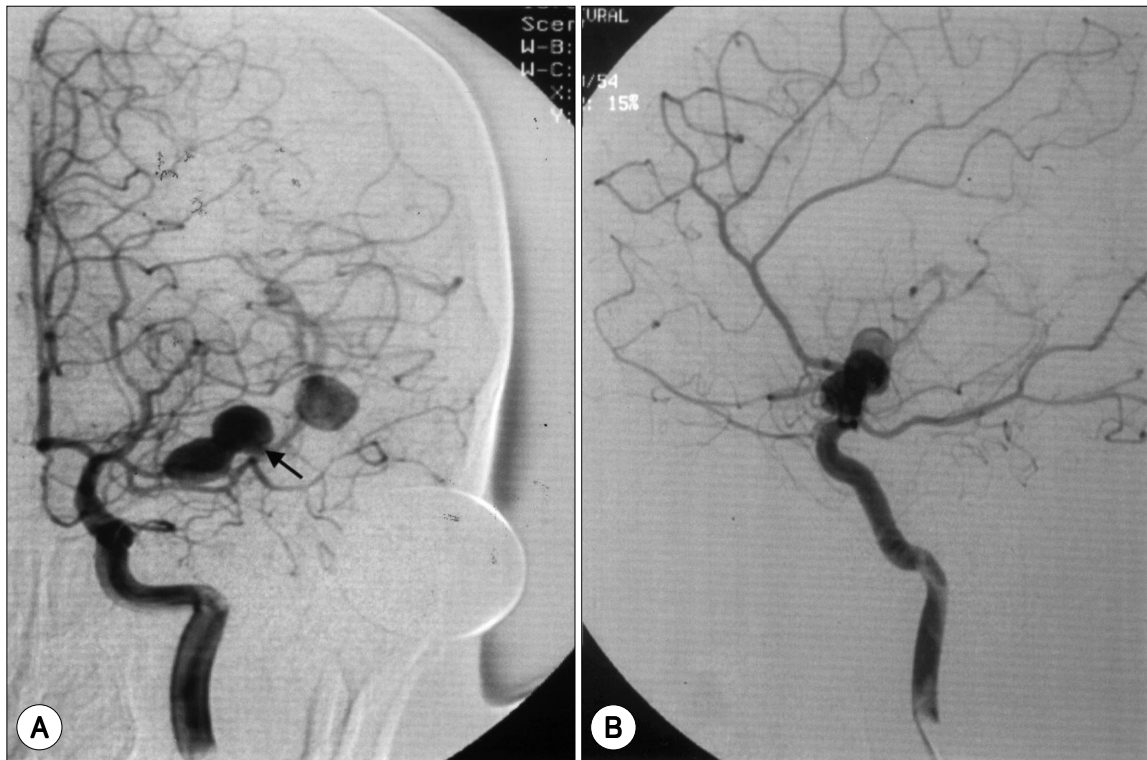


Fig. 3. Digital subtraction angiography (A : anteroposterior view, B : lateral view) demonstrating two aneurysms on left M 2 ; One aneurysm being about 1.2×2.6 cm, the other aneurysm about 1.0×1.0 cm. The superior wall of the former aneurysm has beaking appearance (arrow). The M 2 segment is moderately narrowed, but the dissection is not definitely visualized.

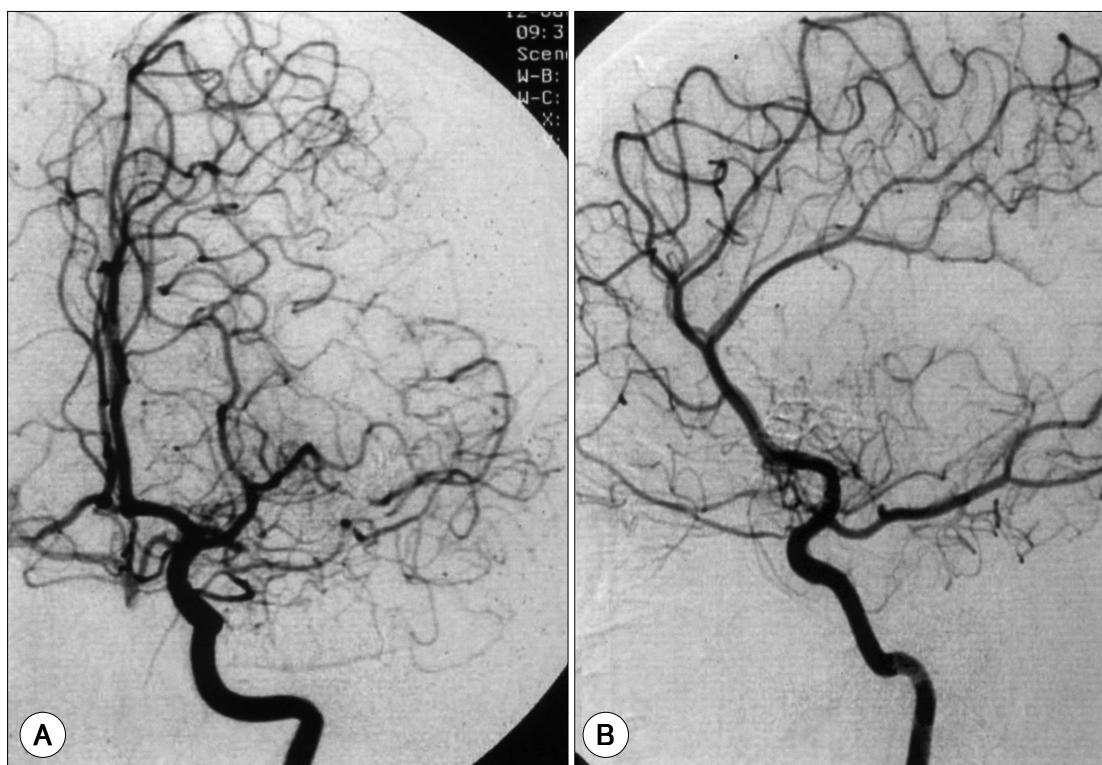


Fig. 4. Postoperative angiogram (A : anteroposterior view, B : lateral view) showing no visualization of left middle cerebral artery. MCA territory has collateral supply from the left anterior cerebral artery and posterior cerebral artery.

EC - IC 가 1

5~30% 2)8)

Kojima 2)

2.8% 가

가

95% 가

가

3)

5)

가

가

결 론

14

• : 1999 11 23
 • : 2000 9 25
 • : 135 - 270 146 - 92
 : 02) 3497 - 3390, : 02) 3461 - 9229
 E - mail : jyahn@cha.ac.kr

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